

Racing Injuries – Reporting and Prevention

University of Arizona Race Track
Industry Program 35th Annual
Symposium on Racing & Gaming

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Equine Injury Database (EID)
&
Pre-race Exam Module

Equine Injury Database

- The Equine Injury Database is a module of InCompass' Race Track Operations Software ("RTO") program which is in place at most racetrack in the United States and Canada.
- This allows the injury reports to be tied to race information via Equibase data and horse and pedigree information via The Jockey Club.
- For more information on RTO, please visit www.incompass-solutions.com.

Main Menu

http://rto.incompassolutions.com/rtoInjurySelect.jsp - Windows Internet Explorer

http://rto.incompassolutions.com/rtoInjurySelect.jsp

DMR 07/16/2008--09/03/2008 Equine Injury Database EID000-0

[Menu](#) [Message Center](#) [Terms Of Use](#) User: kmhix

Application

- Race Day Injury Occurrence
- Horse Injury Maintenance
- Reporting
- Download Injury Reporting Form
- Quality Control Maintenance

By continuing, you acknowledge that you have read, understand and agree with the above.

Accept and Continue Decline and Exit

Done Internet 100%

Race Day Injury Occurrence

http://rto.incompassolutions.com/ - Injury Maintenance - Windows Internet Explorer

KEE 10/03/2008--10/25/2008 Equine Injury Database EID000-4

Menu Message Center Terms Of Use User: mpenna

Facility: CHURCHILL DOWNS

Race Date: 05/03/2008

Card: Day

Race Number: 10

| Post | Pgm | Horse |
|------|-----|----------------|
| 1 | 1 | Cool Coal Man |
| 2 | 2 | Tale of Ekati |
| 3 | 3 | Anak Nakal |
| 4 | 4 | Court Vision |
| 5 | 5 | Eight Belles |
| 6 | 6 | Z Fortune |
| 7 | 7 | Big Truck |
| 8 | 8 | Visionaire |
| 9 | 9 | Pyro |
| 10 | 10 | Colonel John |
| 11 | 11 | Z Humor |
| 12 | 12 | Smooth Air |
| 13 | 13 | Bob Black Jack |
| 14 | 14 | Monba |

Clear All Exit

Done Internet 100%

Choose Race Date, Number, and the Horse with the injury you are reporting

First Screen: Injury Observed

Injury Maintenance - Windows Internet Explorer
http://rto.incompasssolutions.com/rtoInjuryMaintEdit.jsp?ITID=2565

DMR 07/16/2008--09/03/2008 Equine Injury Database EID001-4
Menu Message Center Terms Of Use User: kmhix

Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.
Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555
Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking
Reporting Veterinarian: Tierarzt Attending Veterinarian:

Injury Observed Case #: License #:
Pre-Race:
Post-Race:
Jockey Injured?: Yes No Weight: 120
Injury Details: None
Resident Status: Turns: One Two Straight
Injury First Observed At:
Triage:



1 Mile - All Weather

1 MILE

Internet 100%

Pre-Race & Post-Race -- Webpage Dialog

http://rto.incompasssolutions.com/rtoInjuryPrePostDialog.jsp?ITID=2424&IID=1720

Pre/Post Race

Pre-Race:

- Official Veterinarian Scratch AM
- Paddock
- Post Parade
- Gate
- Soundness
- Injury
- Other

Post-Race:

- Past Wire
- After Unsaddling
- Detention Barn
- Returned Lame
- Other

http://rto.incompasssolutions.com/rtoInjuryPrePostDialog.jsp?ITI Internet

After you select your choices, click OK

Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.

Gutartig -- Bla
Markings -- S
Reporting

Injury Obs

Pre-Race: Edit
Post-Race: Past Wire

Weight Carried: 121 ↑ ↓
Jockey Injured: Yes No
Resident Status: >1 < 10 Days

Injury First Observed At:

Start
1/16 Pole
1/8 Pole
3/16 Pole
1/4 Pole
5/16 Pole
3/8 Pole
7/16 Pole
1/2 Pole
9/16 Pole
5/8 Pole
11/16 Pole
3/4 Pole
13/16 Pole
7/8 Pole
15/16 Pole
1 Mile Pole
Finish Line

Triage: V - Limb instability in 2 or more planes / loss of column support (open or close); open: fx/joint capsule/tendon she

Next

After choosing the observation you may select where you first observed the injury

Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555
Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Reporting Veterinarian: Tierarzt Attending Veterinarian:

Injury Observ

Pre-Race: Edit
Post-Race: P
Weight Carried: 1
Jockey Injured:
Resident Stat

Select the triage score: This was developed by Dr. Mary Scollay to uniformly measure the severity of the horse's injury



One Turn Two Turns

- Triage: III - Mild to moderate limb instability in 1 plane; closed injury
- 0 - No lameness or gait deficit/abnormality observed on track
 - I - Grade III or lower lameness; no abnormal limb deflection/hyperextension
 - II - >Grade III lameness; no abnormal limb deflection/hyperextension
 - III - Mild to moderate limb instability in 1 plane; closed injury
 - IV - Severe instability in 1 plane; closed injury
 - V - Limb instability in 2 or more planes / loss of column support (open or closed); open: tx/joint capsule/tendon sheath;
 - Unknown



Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555

Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Reporting Veterinarian: Tierarzt Attending Veterinarian:

Injury Observed

Pre-Race:

Post-Race: Past Wire

Weight Carried: 121

Jockey Injured: Yes No

Resident Status: >1 < 10 Days

1 1/4 Miles - Dirt



One Turn Two Turns

Injury First Observed At:

Triage: V - Limb instability in 2 or more planes / loss of column support (open or close); open: fx/joint capsule/tendon she

Click Next to move to the next screen

Second Screen: Injury Description

http://rto.incompassolutions.com/?ITID=2424 - Injury Maintenance - Windows Internet Explorer

KEE 10/03/2008--10/25/2008 Equine Injury Database EID002-2

Menu Message Center Terms Of Use User: mpenna

Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555

Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Responsible Veterinarian: Tierarzt Attending Veterinarian:

| Limb | Category | Anatomic Region | Site | Modifiers |
|------|----------|-----------------|------|-----------|
| LF | Fracture | Distal Limb | | COMP,LAT |
| RF | Fracture | Distal Limb | | LAT |
| RF | Fracture | Distal Limb | | |

Limb Category

Region

Site

Modifiers

Done Internet 100%

Outline the injury



Track: Date: Card: Race: Trainer:

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555

Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Reporting Veterinarian: Attending Veterinarian:

| Limb | Category | Anatomic Region | Site | Modifiers |
|------|----------|-----------------|------|-----------|
| LF | Fracture | Distal Limb | | COMP,LAT |
| RF | Fracture | Distal Limb | | LAT |
| RF | Fracture | Distal Limb | | |

Limb Category

Region

Site

Modifiers

Click Edit to add modifiers

Track: XYZ Date: 01/01/08 Card: A Race: 1 Trainer: Instrutor, I.M.

Gutartig -- Black, TB, Horse (03/17/2004) Tattoo - Z55555

Markings -- Star. Cowlick in center at eye level in star. Left Front: quarter white stocking

Reporting Veterinarian: Tierarzt Attending Veterinarian:

| Limb | Category | Anatomic Region | Site | Modifiers |
|------|----------|-----------------|------|-----------|
| LF | Fracture | Distal Limb | | COMP,LAT |
| RF | Fracture | Distal Limb | | LAT |
| RF | Fracture | Distal Limb | | |

Limb Category

Region

Site

Modifiers

Click Previous or Next to move screens

Third Screen: Incident Information

The image shows two overlapping browser windows from the application `http://rto.incompasssolutions.com/rtoInjuryShoeDialog.jsp?ITID=2446&IID=3482`.

The left window, titled "Shoe -- Webpage Dialog", displays a "Shoe" selection interface. It features a list of shoe types on the left and a list of options on the right. The "Rim Shoe" option is selected with a checked checkbox. The list of shoe types includes:

- 1 - Right Front (RF)
- 1 - Left Front (LF)
- 1 - Right Rear (RR)
- 1 - Left Rear (LR)
- 2 - Front (LF,RF)
- 2 - Rear (LR,RR)
- 2 - Left (LF,LR)
- 2 - Right (RF,RR)
- 4 - All (LF,RF,LR,RR)
- 2 - Right Left Combo (LF,RR)
- 2 - Right Left Combo (RF,LR)
- 3 - Except Right Rear (LF,RF,LR)
- 3 - Except Left Rear (LF,RF,RR)
- 3 - Except Right Front (LF,RR,LR)
- 3 - Except Left Front (RF,RR,LR)

The right window shows the "Incident Information" screen for "EID003-2" with the user "kmhix". It includes a "Trainer" field with the value "Instrutor, I.M." and a "Veterinarian" field. Below these fields is a list of "Edit" buttons, with the top and bottom buttons circled in red. A "Previous" button is located at the bottom right of the form area.

Non-Race Related Injury: Training or Other

The screenshot shows a web browser window titled "Horse Injury Maintenance - Windows Internet Explorer". The address bar contains the URL <http://rto.incompasssolutions.com/rtoInjuryHorseMaint.jsp?rn=05011046>. The page header includes "DMR 07/16/2008--09/03/2008", "Horse Injury Maintenance", and "HIM000-2". Navigation links for "Menu", "Message Center", and "Terms Of Use" are present, along with the user name "User: kmhix".

The main content area displays information for a horse named "Diamond Tough -- Bay, TB, Gelding (03/23/2005) Tattoo - I11046". Below this, the "Markings" are described as "Irregular star and connected stripe, widening and becoming bordered flesh colored in center of face, into b...".

A table lists injury records:

| Date | Facility | Type | QC'd? |
|------------|-----------|-------|-------|
| 09/05/2008 | Racetrack | Other | Yes |

At the bottom of the table area are two buttons: "Add Non-Racing Injury" and "Delete Injury". Below the table area is an "Exit" button.

The browser's status bar at the bottom shows "Done", "Internet", and a zoom level of "100%".

First Screen: Injury Observed

Injury Horse Maintenance - Windows Internet Explorer

http://rto.incompassolutions.com/rtoInjuryHorseMaintEdit.jsp?ITID=4176&ref=rtoInjuryHorseMaint.jsp?rn=05011046

DMR 07/16/2008--09/03/2008 Equine Injury Database EID001-0

Menu Message Center Terms Of Use User: kmhix

Track/Facility:

Incident Date: 09/24/2008 Training / Workout Other

Trainer:

Reporting Veterinarian: Kristin M Hix Attending Veterinarian: Kristin M Hix

Exercise Injury Observed Case #: License #:

Type: Not Applicable Distance Unit:

Direction: Right Way About Distance?:

Rider Injured?: Yes No Rider Type: Exercise Rider Distance:

Injury Details: None Surface:

Resident Status: Condition:

Broke From Gate? Dogs Up?

Injury First Observed At:

Triage:

Done Internet 100%

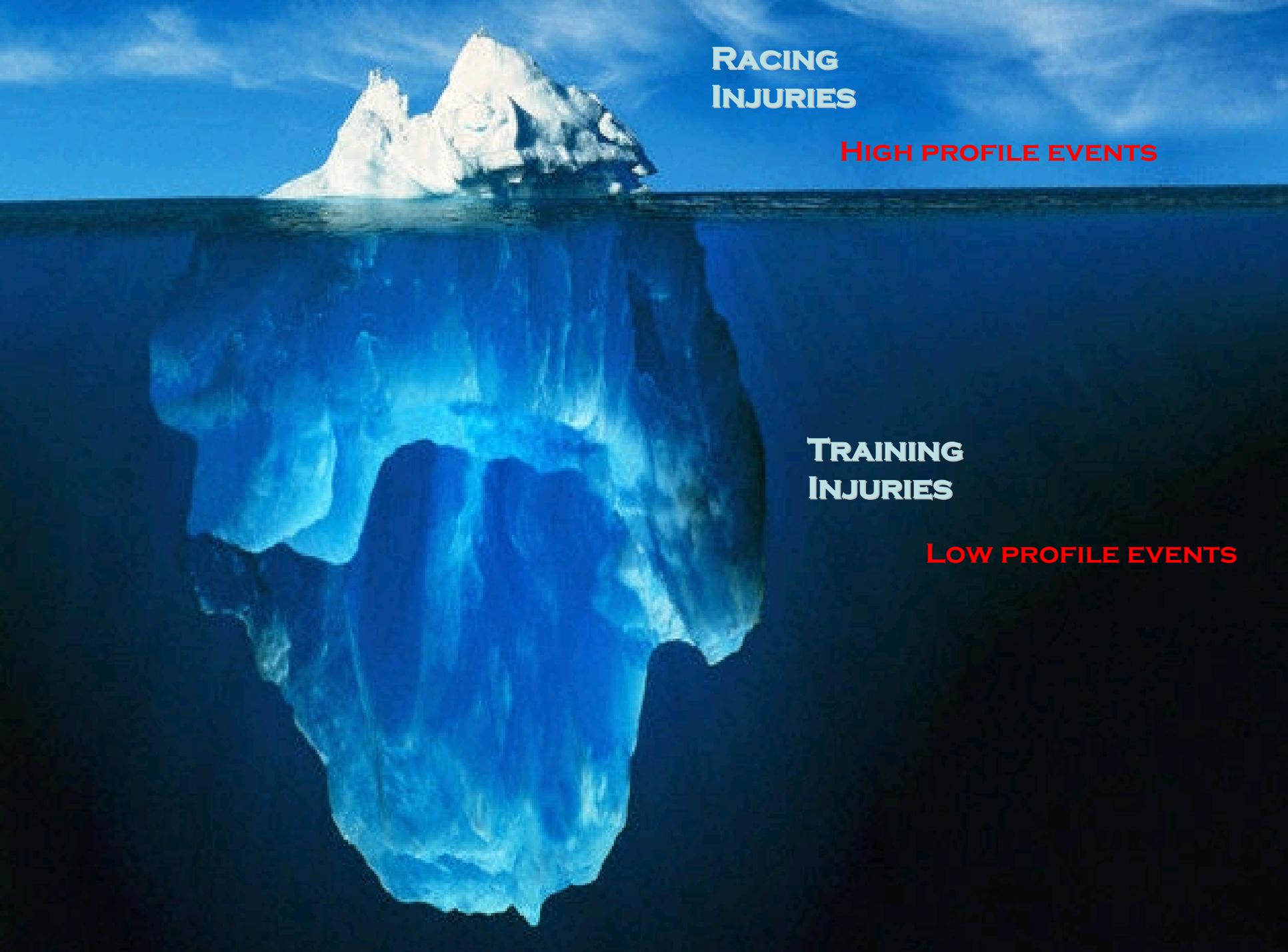
Other Options Available in EID

- Reporting: Download a variety of reports for quality control and statistical summary purposes.
- Download Injury Reporting Form: Download paper injury reports to be used in the field and then entered into the Database.
- Quality Control Maintenance: Ensure data is being fully and accurately reported into the EID.

<http://rto.incompasssolutions.com/>

Pre-race Exam Module

<http://rto.incompasssolutions.com/>

An iceberg floating in the ocean. The tip of the iceberg is above the water line, while the much larger, submerged part is below. The sky is blue with light clouds, and the water is a deep blue. The iceberg is white and jagged.

**RACING
INJURIES**

HIGH PROFILE EVENTS

**TRAINING
INJURIES**

LOW PROFILE EVENTS

Southern California Equine Foundation

Private Practitioner Injury Reporting Program

<http://www.scef-inc.com/SCEF/VetReports/injury/default.cfm>

All Fatalities by Activity

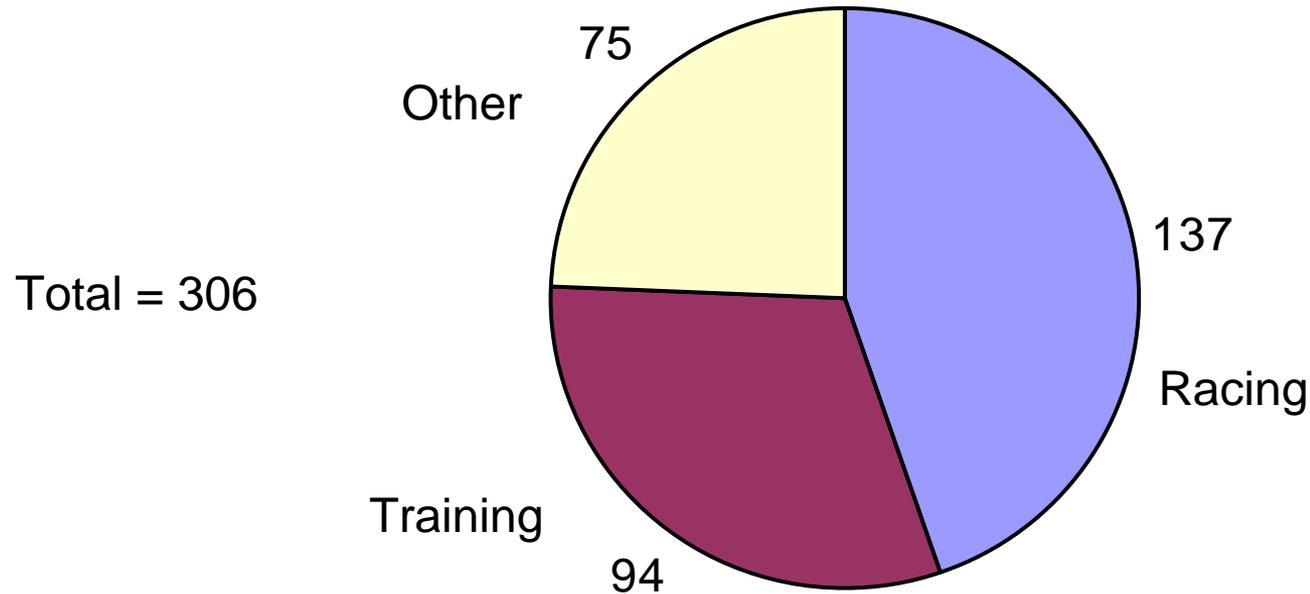


Figure 1

Fatalities by Organ System

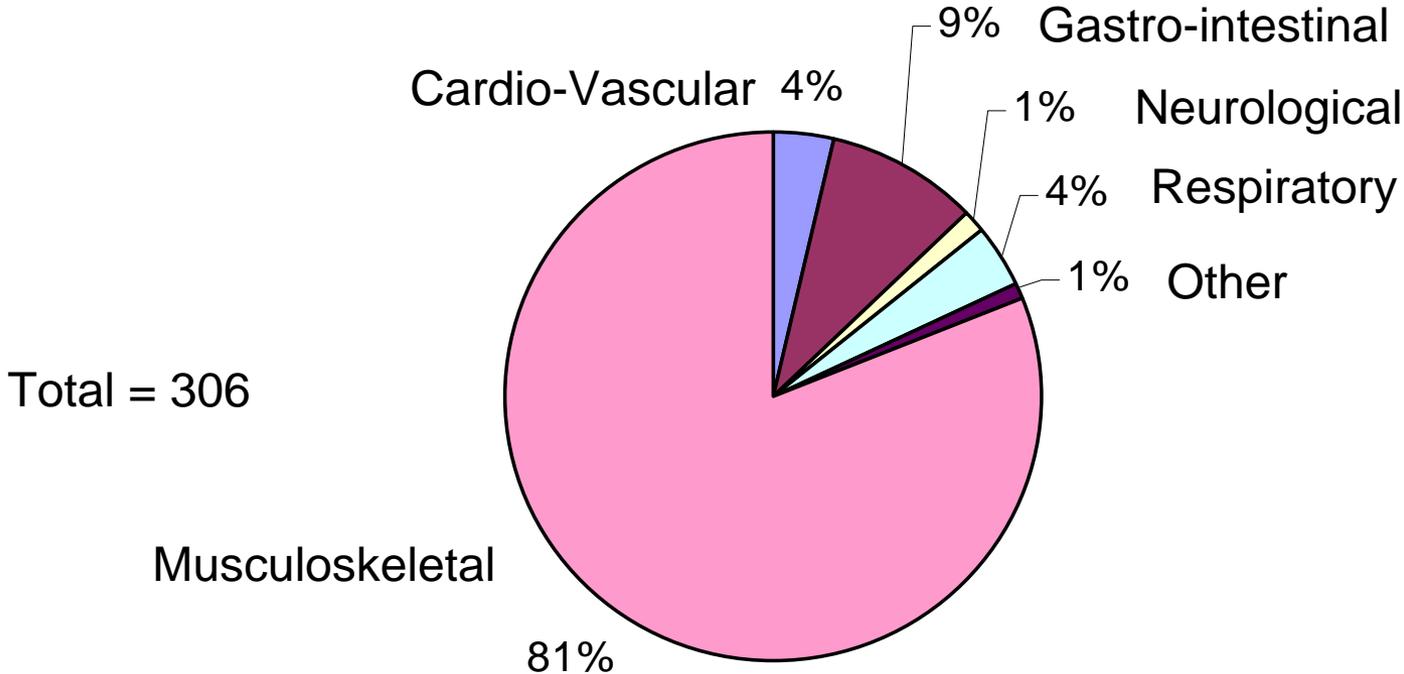


Figure 2

Racing & Training Fatalities by Breed

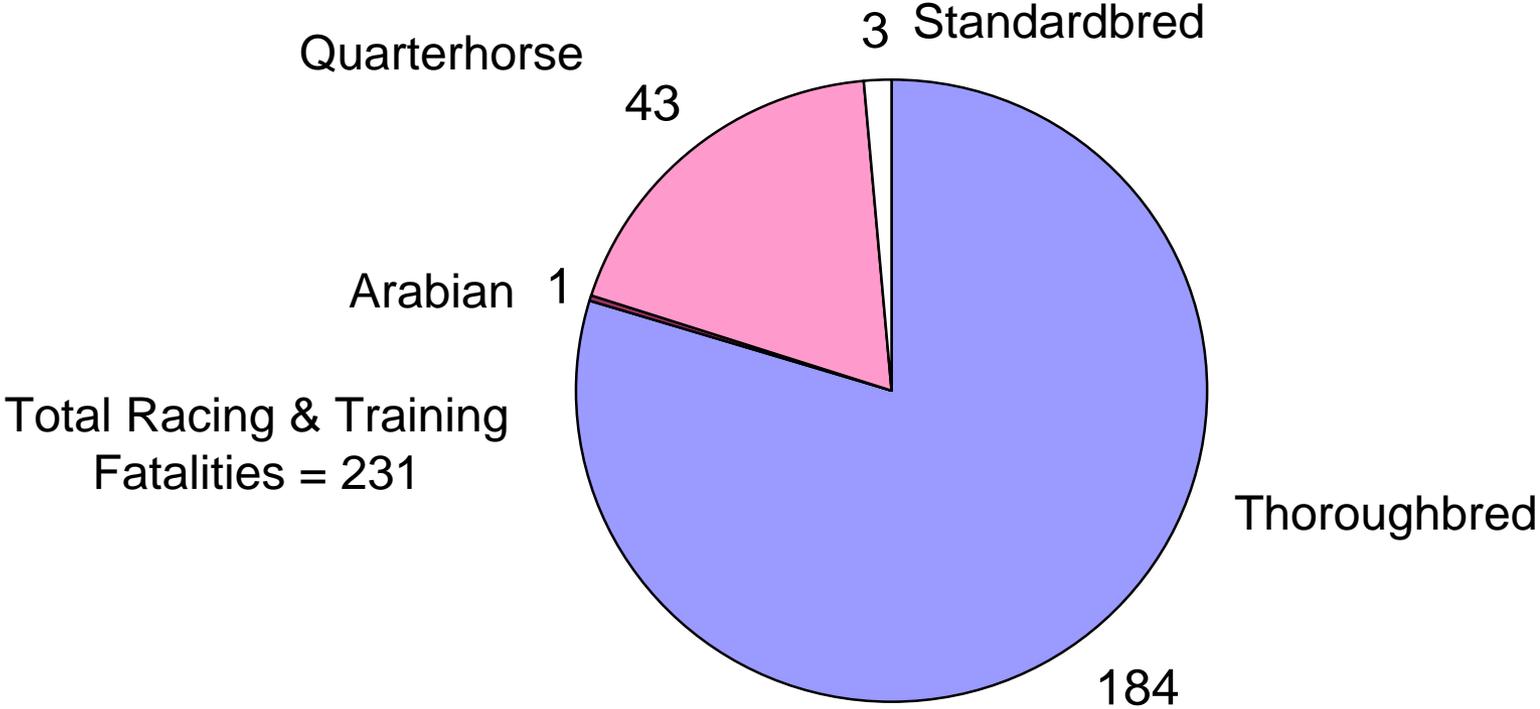


Figure 3

Racehorse Fatalities

A total of 229 fatalities was reported during the period 11/6/02 to 11/9/03.

| Associations | Breed of Horse | | | | | | Occurred During | | |
|--|----------------|-----------|----------|----------|----------|----------|-----------------|------------|-----------|
| | TB | QH | ST | APP | AR | P | RACE | TRAIN* | OTH* |
| Thoroughbred | | | | | | | | | |
| Los Angeles Turf Club/SA | 37 | | | | | | 13 | 20 | 4 |
| Churchill Downs Operating Co./HP | 33 | | | | | | 8 | 15 | 10 |
| Del Mar Thoroughbred Club/DM | 13 | | | | | | 8 | 3 | 2 |
| Oak Tree Racing Assn./SA | 8 | | | | | | 2 | 2 | 4 |
| Churchill Downs Fall Operating Co./HP | 21 | | | | | | 7 | 12 | 2 |
| Bay Meadows Operating Co./BM | 16 | | | | | | 7 | 7 | 2 |
| Bay Meadows Operating Co. (Fall)/BM | 10 | | | | | | 5 | 3 | 2 |
| Pacific Racing Assn./GGF | 28 | | | | | | 15 | 8 | 5 |
| Harness | | | | | | | | | |
| Capitol Racing LLC/CE** | | | | | | | | | |
| Quarter Horse | | | | | | | | | |
| Los Alamitos Quarter Horse Racing Assn./LA | 11 | 19 | | 1 | | 1 | 19 | 3 | 10 |
| Fairs | | | | | | | | | |
| Stockton | 2 | | | | | | 1 | 1 | |
| Pleasanton | 4 | | | | | | 1 | 3 | |
| Vallejo | 3 | | | | | | 2 | | 1 |
| Santa Rosa | 1 | | | | | | 1 | | |
| San Mateo | 5 | | | | | | 4 | | 1 |
| Ferndale*** | | | | | | | | | |
| Cal Expo | 7 | 1 | | | | | 4 | 1 | 3 |
| Pomona | 5 | | | | | | 2 | 3 | |
| Fresno | 3 | | | | | | 3 | | |
| Totals | 207 | 20 | 0 | 1 | 0 | 1 | 102 | 81 | 46 |
| Total Fatalities 229 | | | | | | | 229 | 229 | |

TB = thoroughbreds QH = quarter horses ST = standardbreds APP = appaloosas AR = Arabians P = paints

* Training and other fatalities include fatalities that occurred at auxiliary training facilities.

** Statistics not available. *** Zero fatalities.

Fatalities by Track & Surface

| Track | RACING | | | TRAINING | | | OTHER | TOTAL |
|-----------------------|--------|-----------|------|----------|-----------|------|-------|-------|
| | Dirt | Synthetic | Turf | Dirt | Synthetic | Turf | | |
| Bay Meadows | 17 | | 2 | 2 | | 0 | 7 | 28 |
| Cal Expo (Sacramento) | 2 | | | 1 | | | 1 | 4 |
| Del Mar | | 2 | 4 | 0 | 6 | 0 | 1 | 13 |
| Fairplex (Pomona) | 3 | | | 7 | | | 8 | 18 |
| Ferndale | 0 | | | 0 | | | 0 | 0 |
| Fresno | 2 | | | 0 | | | 0 | 2 |
| Golden Gate Fields | | 15 | 1 | | 14 | 0 | 13 | 43 |
| Hollywood Park | | 12 | 3 | 2 | 26 | 0 | 7 | 50 |
| Los Alamitos | 50 | | | 10 | | | 20 | 80 |
| Pleasanton | 1 | | | 5 | | | 3 | 9 |
| San Luis Rey Downs | | | | 1 | | | 0 | 1 |
| Santa Anita | | 14 | 6 | 1 | 17 | 0 | 13 | 51 |
| Santa Rosa | 2 | | 1 | 1 | | | 1 | 5 |
| Stockton | 0 | | | 0 | | | 0 | 0 |
| Vallejo (Solana) | 0 | | | 1 | | | 1 | 2 |
| | | | | | | | | |
| TOTAL | 77 | 43 | 17 | 31 | 63 | 0 | 75 | 306 |

Table 1

Trainers with More Than 4 Fatalities between July 1, 2007 to June 30, 2008

| Last Name | First Name | Racing | Training | Other | Total | Breed | California Starts |
|-----------|------------|--------|----------|-------|-------|----------|-------------------|
| | | 5 | 6 | 4 | 15 | TB | 1082 |
| | | 6 | 1 | 2 | 9 | TB/QH/AR | 575 |
| | | 5 | 1 | 2 | 8 | TB/QH/AR | 752 |
| | | 0 | 5 | 3 | 8 | TB | 299 |
| | | 4 | 0 | 3 | 7 | TB/QH | 578 |
| | | 4 | 0 | 2 | 6 | TB | 613 |
| | | 3 | 2 | 1 | 6 | TB | 901 |
| | | 4 | 0 | 1 | 5 | TB | 351 |
| | | 4 | 0 | 1 | 5 | TB/QH/AR | 95 |
| | | 3 | 1 | 1 | 5 | TB/QH | 440 |
| | | 2 | 3 | 0 | 5 | TB | 305 |
| | | 2 | 3 | 0 | 5 | TB | 638 |
| | | 2 | 0 | 2 | 4 | TB/QH | 168 |
| | | 2 | 2 | 0 | 4 | TB | 517 |
| | | 1 | 1 | 2 | 4 | TB/QH | 293 |

Table 2

Veterinarian's List

<https://www.simo-central.com/CHRBPublicReport.jsp>